



7-11 KW VARIABLE SPEED ROTARY SCREW COMPRESSORS

LRS-Series

Advanced Technology. Inspired Simplicity.

LRS-Series compressors from Gardner Denver feature more than just the latest compressor technology. They contain the cleanest, simplest, most intuitive machine layouts on the market. Equipped with standard TEAO main motors, GD Governor™ touchscreen controllers and quiet enclosures, an LRS-Series unit from Gardner Denver is the optimal solution when a feature-rich, simple-to-operate compressor is required.

First Class Serviceability

The LRS-Series units set a new standard in serviceability. By utilizing integrated airend design techniques, Gardner Denver delivers unprecedented access to service items such as; a high efficiency air filter, air/oil separator and oil filter. At the same time, the compact design eliminates unneeded connections and minimizes piping; reducing the opportunity for leaks. Couple these features with standard automatic belt tensioning and you have a world class small horsepower compressor package.

Configuration Flexibility

LRS-Series compressors are available in base mount or AirStation™ configurations. The plug-and-play AirStation™ configuration is an LRS-Series compressor mounted on a horizontal receiver tank with or without a refrigerated air dryer. Featuring standard high-end and components such as a three-way bypass valve, stainless steel piping, integrated fork lift slots and an automatic tank drain, the LRS-Series AirStation™ is the ideal solution for a compressed air system that requires minimal installation time and cost.

**Gardner
Denver®**

L07RS-L11RS ROTARY SCREW COMPRESSOR

MODEL	DRIVE MOTOR		60 Hz				NOISE LEVEL ²	WEIGHT		DIMENSIONS L x W x H
	HP	KW	NOMINAL PRESSURE		FAD ¹			LBS	KG	IN. (MM)
			PSIG	BAR	ACFM	M ³ /MIN	DB(A)			
L07RS	10	7.5	110	7.6	45.5	1.26	70	576	261	27 x 28 x 45 (668 x 699 x 1125)
			130	9.0	38.7	1.10				
			190	13.1	28.2	0.80				
L11RS	15	11	110	7.6	62.2	1.76	71	576	261	27 x 28 x 45 (668 x 699 x 1125)
			130	9.0	57.2	1.62				
			190	13.1	44.2	1.25				

1) Data measured and stated in accordance with ISO1217, Ed. 4, Annex C & Annex E at the following conditions:

Air Intake Pressure 1 bar A, Air Intake Temperature 20° C, Humidity 0% (Dry)

2) Measured in free field conditions in accordance with ISO 2151, tolerance +/- 3 dB

AIR STATION SPECIFICATIONS, 60 HZ

MODEL	WEIGHT LBS (KG)				DIMENSIONS L x W x H IN. (MM)			
	80 GAL (303 L)		120 GAL (454 L)		80 GAL (303 L)		120 GAL (454 L)	
	LESS DRYER	WITH DRYER	LESS DRYER	WITH DRYER	LESS DRYER	WITH DRYER	LESS DRYER	WITH DRYER
L07RS	900	1078	904	1087	70 x 28 x 68	70 x 28 x 68	74 x 28 x 73	74 x 28 x 73
L11RS	(408)	(489)	(410)	(493)	(1781 x 716 x 1732)	(1781 x 716 x 1732)	(1882 x 716 x 1862)	(1882 x 716 x 1862)

Dryers are XGNC Series and use R513A Refrigerant. Dryer on AirStation™ package has separate electrical connection and voltage.

LRS-Series Features (7-11 kW)

- Belt drive, oil flooded, single stage rotary screw air compressor
- AEON 4000 lubricant
- Air-cooled only
- Robust inverter drive
- Optional automatic zero-loss condensate drain (with receiver tank selection)
- CRN and ASME rated aftercooler
- Standard EMI filter and DC bus choke
- GD Governor™ 4.3 touchscreen controller
- Integrated thermostatic thermal mixing valve
- Integrated spin-on oil filter, spin-on air/oil separator and two-stage air filter
- IP54 electrical enclosure
- Moisture separator (shipped loose)
- Optional ASME receiver tank (80 or 120 gallons)
- Optional mounted non-cycling refrigerated dryer (with receiver tank selection)
- Quiet enclosure
- Standard manual tank drain (with receiver tank)
- TEAO main motor
- Three-way bypass valve (with receiver tank and mounted dryer)
- Second pressure band control for lead/lag operation
- Stainless steel piping (with receiver tank and mounted dryer)
- UL and CSA-labeled electronics (including C-UL-US open industrial control panel)
- Voltage: 208/230/460/575V
- *Dryer on AirStation package has separate electrical connection and voltage.

Gardner Denver®

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